Jameco Part number 139053

DC CONTROL MODELS-SCR OUTPUT

Crydom Model Number	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vdc)	Must Operate Voltage (Vdc)	Must Release Voltage (Vdc)	Surge Current 1-Cycle (Apk)
D1202	24-140	.04-2.5	3-32	3.0	1.0	25
D1210	24-140	.04-10	3-32	3.0	1.0	120
D1225	24-140	.04-25	3-32	3.0	1.0	250
D1240	24-140	.04-40	3-32	3.0	1.0	625
D2402	48-280	.04-2.5	3-32	3.0	1.0	25
D2410	48-280	.04-10	3-32	3.0	1.0	120
D2425	48-280	.04-25	3-32	3.0	1.0	250
D2450	48-280	.04-50	3-32	3.0	1.0	625
D2475	48-280	.04-75	3-32	3.0	1.0	1000
D2490	48-280	.04-90	3-32	3.0	1.0	1200

AC CONTROL MODELS-SCR OUTPUT

Crydom Model Number	Line Voltage Range (Vac)	Load Current Range (Arms)	Control Voltage Range (Vac)	Must Operate Voltage (Vac)	Must Release Voltage (Vac)	Surge Current 1-Cycle (Apk)
A1202	24-140	.04-2.5	90-280	90.0	10.0	25
A1210	24-140	.04-10	90-280	90.0	10.0	120
A1225	24-140	.04-25	90-280	90.0	10.0	250
A1240	24-140	.04-40	90-280	90.0	10.0	625
A2402	48-280	.04-2.5	90-280	90.0	10.0	25
A2410	48-280	.04-10	90-280	90.0	10.0	120
A2425	48-280	.04-25	90-280	90.0	10.0	250
A2450	48-280	.04-50	90-280	90.0	10.0	625
A2475	48-280	.04-75	90-280	90.0	10.0	1000
A2490	48-280	.04-90	90-280	90.0	10.0	1200

Series 1

2.5-90Amp
120/240 VOLT
AC OUTPUT

- **Zero Voltage and Random Turn-on Switching**
- **Panel Mount**

Featuring state-of-the-art Surface Mount Technology, these SPST-NO relays deliver proven reliability in the most demanding applications. Output consists of an SCR AC switch and is available in zero-cross, random turn-on (phase controllable) and normally closed (Form B) versions with either AC or DC input (coil) control.

GENERAL SPECIFICATIONS

Operating Temperature Range:	30°C to 80°C
Isolation Voltage:	4000 Vrms
Minimum Off-State dv/dt:	500V/usec

APPROVALS

UL	E116949
CSA	LR81689
VDE	58729 (Not Applicable: B and 4D)

AVAILABLE OPTIONS

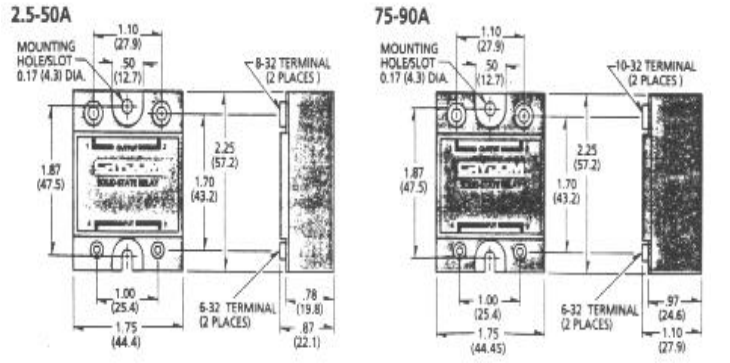
10 Non-Zero Cross, Phase Controllable
10-90 Amp Models Only
Example **D2450-10**

B Normally Closed (Form B)
10-90 Amp Models Only,
DC Control Models Only
Example: **D2450-B**

4D 400 Hz Operation
2.5-50 Amp Models Only,
Zero Cross Switching Only
Example: **4D2450**

E 24 VAC Input (18-36 Vac)
Example: **A2450E**

MECHANICAL All dimensions are in inches (millimeters)



Note: Terminal screws and saddle clamps furnished, unmounted.